**PSYC G4480y** – Psychobiology of Infant Development (seminar)
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The reading list and weekly syllabus – subject to revision
All readings are available online through http://courseworks.columbia.edu.

January 19th
Course overview, requirements, and summary of weekly readings*

January 26
Fetal ontogeny: early brain development
Reading Assignment:


February 2
Fetal environment: early effects of maternal exposures during pregnancy
Reading Assignments:


February 9
Fetal programming: long term effects of prenatal exposures
Reading Assignments:


**February 16**

**Premature birth: causes, altered early brain development, and long-term outcome**

Reading Assignments:


**February 23**

**Full-term newborn: perceptual and cognitive abilities**

Reading Assignments:


**March 1**

**Sudden Infant Death: causes, prediction and prevention**

Reading Assignments:


**March 8**  
**Language Development**  
**Guest Speaker: Natalie Brito, PhD.**  
Reading Assignments:  


**March 15**  
**Spring Break - No Class**

**March 22**  
**Early Development of emotional regulation**  
**Guest Speaker: Nina Burtchen MD, PhD, MSc**  
Reading Assignments:  


March 29
Sleep in Infancy
Reading Assignments:


April 5
Attention and Memory Development and Assessment
Reading Assignments:


Mead Johnson White paper on Infant Toddler Assessment. 1-28

April 12
Student presentations and discussions

April 19
Student presentations and discussions

April 26
Student presentations and discussions

May 3
Final Papers Due

Course Requirements and Grading

Your final grade will be based on:

- Weekly written assignments 30%
- Class participation 30%
- Final paper and presentation 40%
**Weekly Written Assignments**

Readings will be posted on CourseWorks and written assignments based on these readings are due every Monday (via email).

**Final Paper and presentation**

Your final paper will be a research proposal in the form of a mini-grant application.

- **Topic title due** - 3/29
  Send me a tentative title for your paper and a one paragraph abstract.

* Presentation due 4/12/, 4/19, or 4/26
  Give a 8-10 minute PowerPoint presentations of paper outline to class. *(Recommended 6-8 slides)*

- **Paper due - 5/3**
  12-15 pages, excluding references. Sample outline on CourseWorks.